

CIC #: 99EPA SUPERFUND
Billed Date: 01-Jun-2012
Customer Order Number: DW96842125
MISSION ASSIGNMENT NO: 82761
PASSAIC CPG OVERSIGHT 147757
EPA 598

D.O. Voucher No. **BU. Voucher No.** **Bill No.** **Paid By Check No.** **Collection Vou. No.**
 27058295
 Partial # 59 01-May-2012 Thru 01-Jun-2012

Billed Office (Mail To):
 U.S. ENVIRONMENTAL PROTECTION AGENCY
 ACCOUNTING OPERATIONS OFFICE
 26 W. MARTIN LUTHER KING DRIVE
 CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):
 USACE FINANCE CENTER G5
 KANSAS CITY DISTRICT G5
 5720 INTEGRITY DRIVE
 MILLINGTON TN 38054-5005

Billed Accounting Classification 68 68 X 8145.0000 2007 00 0000 000000000000 00000
Billing Accounting Classification 96 NA X 3122.0000 G5 08 2416 888 022125 96231

Line Item	Moa	Description	Eald No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$162,090.00
1	INHOUSE - OTHER RESOURCES	SUPERFUND M&S		\$1,968.33
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$565.68
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$168.51
1	INHOUSE - LABOR	LABOR		\$1,203.56
Subtotal:				\$165,996.08

CORPS CERTIFICATION
 "I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE. AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

Elizabeth Excrocker
 Elizabeth Excrocker
 Project Manager

Total Billed Amount: \$165,996.08
Less Partial Amount Paid: \$0.00
Payment Due Date: 01-Jul-2012 **Pay This Amount:** \$165,996.08

Funds Authorized: \$7,005,000.00
Total Billed Amount: \$4,943,299.76
Prev Billed Amount: \$4,777,303.68
Current Billed Amount: \$165,996.08
Total Flux Billed: \$0.00
Prev Flux Billed: \$0.00
Current Flux Billed: \$0.00

CERTIFICATE OF OFFICE BILLED
 I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

Date: **Authorized Administrative or Certifying Officer**

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

MONTHLY REPORT FOR MAY 2012

STATEMENT OF CHARGES FOR PERIOD:	Revised Reimbursable (96X3122)	Direct Fund Cite	IA Totals (96X3122)
Total Funds Authorized:	\$7,005,000.00	\$0.00	\$7,005,000.00
Less Total Expenditures: (-)	\$4,943,299.76	\$0.00	\$4,943,299.76
Less Undelivered Orders: (-)	\$759,812.91	\$0.00	\$759,812.91
Less Commitments: (-)	\$1,097,625.61	\$0.00	\$1,097,625.61
Funds Available Balance:	\$204,261.72	\$0.00	\$204,261.72

BILLING ACTIVITY (96X3122):

Bill Number: 270S8295

Funds Expended During Report Period:
Total Billed to Date:

\$165,996.08
\$4,943,299.76

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period:
Total Expended to Date:

\$0.00
\$0.00

msfcr.2.1.13 074
99EPA

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

Bill Number: 27058295
Bill Invoice Date: 01-JUN-2012

Monthly Billing Amount(96X3122):

\$165,996.08

Monthly Direct Fund Cite Contract Cost(68X8145):

\$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$799.22	\$104,582.41	\$105,381.63
b Fringe Benefits	\$404.34	\$54,544.58	\$54,948.92
c Travel	\$0.00	\$10,663.15	\$10,663.15
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$162,090.00	\$4,366,151.92	\$4,528,241.92
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$1,968.33	\$140,571.60	\$142,539.93
i Total Direct Charges	\$165,261.89	\$4,676,513.66	\$4,841,775.55
j Total Indirect Charges	\$734.19	\$100,790.02	\$101,524.21
k TOTAL	\$165,996.08	\$4,777,303.68	\$4,943,299.76

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
ELIZABETH BUCKRUCKER	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	12.00	\$1,430.40
BONNIE B LOWE	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	5.00	\$507.35
TOTAL LABOR:			17.00	\$1,937.75

Progress Report for EPA Region II

Site:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey		Phase:	RI/FS, OU4	
Bill No.:	27058295 Partial #59	IAG No.: NWK	IAG: DW96942125/BZ761 IAG Award Date: 8/31/07	IAG Expiration Date: 12/31/13	Other Corps P2 #147757/FWI 96B4B2
Reporting Period:	From: May 1, 2012	To: June 1, 2012	EPA RPM Stephanie Vaughn		USACE PM Elizabeth Buckrucker
Work Performed					

Work Performed	<ul style="list-style-type: none"> ▪ On 11 and 29 May 2012, participated in project progress conference calls with EPA/COE/CDM/LB/HQI/BAT. ▪ Funding. <ul style="list-style-type: none"> ○ On 14 May 12, IA Amendment F was received totaling \$1,124,335. ▪ Invoices. <ul style="list-style-type: none"> ▪ On 10 May 12, reviewed and approved CDM TO 0014 Invoice #26, totaling \$51,365 covering period 26 Feb – 31 Mar 2012. ▪ On 16 May 12, reviewed and approved CDM TO 0005 Invoice #2, totaling \$110,725 covering period 26 Feb – 31 Mar 2012. ▪ CDM Task Order 0005/ATP 3. <ul style="list-style-type: none"> ○ On 8 May 12, received final ATP 3. ○ On 14 May 12, prepared all contract documentation and attached funding to the action. Forwarded all to contract office for award. ○ On 1 Jun 12, Modification 2 was awarded totaling \$1,059,312. ▪ Schedule. Most current CPG full schedule version is 18 February 2010. Partial updates of specific tasks are being provided. ▪ On 15 May 12, team manager call was held to discuss RM 10.9 actions and planned schedule, and other oversight efforts, establishing priorities for upcoming work. ▪ CDM Confidentiality/Conflict of Interest Certification Forms. <ul style="list-style-type: none"> ○ On 27 Jul 10, received series of emails with scope and contract information from HQI pertaining to work performed for NJDEP and PVSC (regarding use of the SWEM model). Action for government to review and respond. On 22 Oct 10, resent all information together to EPA and recommended discussion. Review will now require update with HDR/HQI COI Certification forms. Open. ○ PRP List. <ul style="list-style-type: none"> ▪ On 23 Sep 10, received 5th update of COI forms from CDM and subcontract employees. Open for government to review and respond as applicable. ▪ On 5 Nov 10, received the revised CDM company review of updated PRP list, open for government review and response. ▪ On 9 Sep 11, F. Tsang submitted updated list of personnel who have signed COI Certification Forms. ▪ On 7 Feb 12, received Conflict of Interest update from CDM Smith Inc. ▪ On 31 May 12, received draft COI technical memorandum from CDM. ▪ Technical Expert Risk Assessment personnel. On 4 Nov 09, circulated list of risk assessment personnel that had been considered for addition to the team. Coordination among EPA for contacting potential personnel. ▪ Preparation of Progress Report and Project Expenditure spreadsheet.
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Key Meetings This Period	<ul style="list-style-type: none"> ▪ Regular project progress calls. ▪ Other project calls and meetings as noted throughout this progress report.
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Progress Report for EPA Region II

<p>Key Contract Milestones Completed to Date</p>	<ul style="list-style-type: none"> ▪ MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012 <ul style="list-style-type: none"> ▪ 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601. ▪ 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903. ▪ MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014 <ul style="list-style-type: none"> ▪ 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000. ▪ 5 Mar 09 – Modification 0001 was awarded for \$69,772. ▪ 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul). ▪ 3 Aug 09 – Modification 0003 was awarded for \$378,843. ▪ 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277. ▪ 1 Sep 09, Mod 5 (admin in nature) was signed. ▪ 29 Dec 09, Mod 6 was awarded, totaling \$211,881. ▪ 9 Jul 10, Mod 7 was awarded, totaling \$52,890. ▪ 28 Dec 10, Mod 8 was awarded, totaling \$54,473. ▪ CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014 <ul style="list-style-type: none"> ▪ 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09) ▪ 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902. ▪ 25 Aug 09; Mod 2 (admin in nature) was signed. ▪ 23 Dec 09; Mod 3 was awarded, totaling \$493,000. ▪ 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.) ▪ 14 May 10; Mod 8 was awarded, totaling \$140,000. ▪ 9 Jun 10; Mod 9 was awarded, totaling \$375,000. ▪ 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023). ▪ 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023). ▪ 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975). ▪ 19 Sep 11, Mod 13 was awarded, totaling \$150,000. ▪ CDM Task Order 0005: Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016 <ul style="list-style-type: none"> ▪ 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000 ▪ 24 Jan 12 – Mod 1 (admin in nature) was signed. ▪ 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312.
<p>Contractor Actions/ Accomplishments</p>	<p>CDM</p> <ul style="list-style-type: none"> ▪ Management. CDM participated in progress calls as noted throughout this report and continued management tasks. Additional information may be found in the CDM Progress Report covering period April 29 - May 26, 2012. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts. ▪ CPG Fieldwork Planning Documents. <ul style="list-style-type: none"> ○ On 11 May 12, submitted comments to EPA on the CSO/SWO QAPP Addendum. ○ On 14 May 12, conference call held to discuss the CWCM oversight. ○ On 15 May 12, submitted comments to EPA on Addendum A for RM 10.9. ▪ CDM Fieldwork Oversight. <ul style="list-style-type: none"> ○ On 17 May 12, submitted field change request form #7. ○ Continued to validate split sample data from RM 10.9 sampling. ○ From 19 – 25 May 12, performed oversight for work contained in Addendum A at RM 10.9. ▪ CDM Fieldwork Oversight Reporting. <ul style="list-style-type: none"> ○ Review of the RM 10.9 Data Report underway. ▪ CDM Data Manager/Website/Digital Library. <ul style="list-style-type: none"> ○ On 4 May 12, met with CPG to discuss database updates and issues. ○ Continued efforts to transfer the historic database import to EQUIS. A few outstanding LBG actions remain.

Progress Report for EPA Region II

Contractor Actions/ Accomplishments	<ul style="list-style-type: none"> ▪ CPG Risk Assessment <ul style="list-style-type: none"> ○ RARC Report review is underway. ○ Reviewing Creel Survey Data. ▪ Modeling. <ul style="list-style-type: none"> ○ Transfer of carbon model inputs. ○ Review and consolidation of Newark Bay dredging records.
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Work, Meetings, Milestones FY2011/2012.

Narrative	<p>Note – Most recent CPG full schedule update was received on 18 Feb 10. On 2 Dec 10, received informal list of report submittals from the CPG. On 31 Mar 11, approximate dates were provided for some deliverables.</p> <ul style="list-style-type: none"> ▪ Technical memoranda. On 10 Sep 10, EPA provided letter with combined comments on the three documents listed below. On 12 Oct 10, the CPG responded to the EPA comments. On 5 Nov 10, EPA provided response with clarification to the earlier comments. On 10 Feb 11, the CPG submitted revised RARC with attachments, Terms Sheet and Position Papers for EPA review. On 11 Jul 11, EPA provided comments and disapproved the risk planning documents. On 6 Sep 11, the CPG submitted position paper in response. On 3 Jan 12 and 6 Feb 12, EPA responded to the CPG regarding all dispute issues and directed the CPG to proceed with the baseline human health and ecological risk assessments. <ul style="list-style-type: none"> ○ On 13 Apr 12, the Revised RARC and all appendices were submitted by the CPG. ▪ CPG Reports/in progress, partial list. Full report status is listed in summary table from S. Budney; updated 20 Apr 12. <ul style="list-style-type: none"> ○ Avian 2010 Summer/Fall Survey Field Report. On 14 Jul 11, the CPG provided response to comments. On 1 Aug 11, submitted comments on the CPG responses. On 8 Aug 11, final report received from the CPG. ○ Benthic Fall 2009 Community Field Report. On 17 Jun 11, the CPG submitted the revised report. On 23 Jun 11, CDM submitted comments to EPA. On 29 Jun 11, EPA provided comments to the CPG. ○ Low Resolution Coring Characterization Report originally submitted 9 Mar 10. On 28 Jun 10, comments provided to CPG. On 25 Jan 11, additional comments provided to the CPG. On 26 Jul 11, the CPG submitted revised report with a cover letter invoking dispute resolution. On 19 Sep 11, CDM submitted comments to EPA on revised report. Habitat 2010 Summer Survey Field Report. On 11 Jul 11, submitted comments on revised report. On 13 Jul 11, EPA provided the CPG with comments. ○ Spring and Summer 2010 Benthic Community Survey Data Report. On 21 Jul 11, submitted comments on the draft report. On 27 Jul 11, EPA provided the CPG with comments. On 31 Jan 12, CPG submitted revised document. On 2 Mar 12, submitted comments on the revised report. ○ Bathymetry June 2010 Multibeam Report. On 7 Jun 11, submitted review comments. On 14 Jun 11, EPA provided the CPG with comments. ○ Draft 2009 and 2010 Sediment Chemistry Data. On 6 Sep 11, received data. On 23 Dec 11, comments and data evaluation provided to EPA. ○ Draft 2009 Bioaccumulation Tissue Chemistry Data. On 19 Sep 11, received data. On 10 Nov 11, CDM submitted comments to EPA after conducting review of data. ○ Draft 2009 Fish and Blue Crab Tissue Chemistry Data. On 11 Nov 11, CDM submitted comments to EPA after conducting review of the data. ○ FS Work Plan. On 17 Jan 11, submitted comments on the draft FS Work Plan to EPA.
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Projected Work, Meetings Milestones FY2011. Current Status of Work Products (cont.)

Meetings	<ul style="list-style-type: none"> • Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
Key Milestones Forthcoming	<ul style="list-style-type: none"> • Several of the submittals as noted above do not have milestones for future actions.
Issues	
Technical:	<ul style="list-style-type: none"> • Issues are working on an ongoing basis as discussions held between the EPA and CPG.
Schedule	<ul style="list-style-type: none"> • CPG project schedule not updated at this time.
Funding:	<ul style="list-style-type: none"> • None at this time. Next contract award planned for May/June 2012.

Progress Report for EPA Region II

IAG Summary: Technical Assistance Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000

Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
Kansas City Corps In-House Labor/Travel	\$478,185.00	\$1,937.75	\$272,517.91	\$205,667.09
Superfund M&S Fee	\$89,750.00	\$1,968.33	\$64,871.76	\$24,878.24
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$63,000.00	\$0.00	\$58,287.43	\$4,712.57
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$19,380.74	\$5,119.26
Subtotal - Summary of Labor/In-House	\$655,435.00	\$1,937.75	\$314,176.84	\$340,258.16
Grand Total - Contract/Corps	\$7,005,000.00	\$165,996.08	\$4,943,299.76	\$2,061,700.24

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

Name	Contact Information	Responsibility
Beth Buckrucker	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Bonnie Lowe	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Dawn Wade	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Buckrucker
Project Manager
29 June 2012

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site
Project: Task Order 6402.014 CPG Oversight
Task Order 6424.005 CPG Oversight
Prepared by: Frank Tsang
Representing: CDM Federal Programs Corporation (CDM Smith)
Date: April 14, 2012
Reporting Period: February 25, 2012 to March 31, 2012

The following structures reflect the WBS from TO 6424.005

1. **Progress Made this Reporting Period** - CDM Smith performed the following activities during this period:

WAD 1, Work Order 1 - Project Management and Administration

1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participating in conference calls.

1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the monthly progress report.

1.1.3 Subcontract Administration

- CDM Smith processed subcontractor invoices.
- CDM Smith prepared modifications for the subcontracts.
- On 21 February 2012, CDM Smith received approval of the Axys subcontract consent
- On 21 March 2012, CDM Smith received approval on consent to modify HQI subcontract

1.1.4 Project Communication

- On 27 February, and 13 & 27 March, CDM Smith participated in the biweekly conference calls.
- 29 February participated in a RM 10.9 scoping meeting with EPA and USACE.
- 26 March participated in a scoping call with USACE.

WAD 1, WO3 - Senior Technical Advisors

- Bob Ambrose, Alan Blumberg, Roger Flood and Dominic Di Toro are on board as TAC members.

Item	TAC Member	Budgeted Amount	Authorized Amount	Payment	Forecast	Remarks
1		\$13,573				
2	Ambrose		\$6,600	\$1,600		Review Hg memo Review Organic Carbon TM
3	Blumberg		\$6,200			

4	Flood		\$4,600	\$3,558		Attend Sed Stability mtg.
5	WVN2	\$4,600				
6	WVN3	\$15,160				
7	Di Toro		\$8,200		\$2,000	Review organic carbon model tech memo
Total		\$33,333	\$17,400	\$5,158		

WAD 1, WO4 - Technical Support

- Work completed.

WAD2, Work Order 2 - Work Planning: Oversight & Communication

2.2.1 Technical Communication

- On 1 March CDM Smith attended a meeting with EPA and Tierra at EPA in NYC to discuss the CSO/SWO MDL and PE studies.

2.2.2 CPG Planning Documents Review

- CDM Smith reviewed CPG SV CWCM field modification FM-120220-1 and Non-conformance report NC-110816-7
- CDM Smith reviewed CPG LRC Supplemental Sampling Program field modification FM-120316-1 on the

WAD2, Work Order 3 - Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- Prepared Field Change Request for SV CWCM.

2.3.2 Water Column, Chemical Data Oversight

- SV CWCM LPR oversight Round #3 - 26&27 Mar.
- Prepared for the SV CWCM high flow event.
- On 22 March participated in web meeting to discuss HV CWCM sampling program.
- Reviewed CPG HV CWCM proposal.

2.3.3 RM 10.9 Oversight

- Validating split sample data collected during the RM 10.9 sampling program.
- CDM Smith prepared cross section figures utilizing the CPG RM 10.9 data.

2.3.4 LRC Supplemental Sampling Oversight

- Performed data management.
- Prepared oversight summary report.

WAD2, Work Order 4 - Report/Products: Oversight and Communications

2.4.1 (TO 005 2.4.1) CPG Report Review

- 16 Mar CDM Smith submitted comments on CPG Draft Fall 2009 Sediment Toxicity Test Data Report, dated 31 Jan.
- 2 Mar CDM Smith completed review of CPG Revised Draft Spring and Summer 2010 Benthic Invertebrate Community Survey Data Report, dated 31 Jan.

WAD 2, Work Order 5 - Data Manager

Data/Information Transfer:

- Continued work on normalizing Passaic River historical data.
- Prepared summary of data issues to finish consolidating historical and current data imported to EQuIS Passaic River study database.
- Had a call with LBG on 7 Mar to discuss the historical data updates. Set up a punch list for CDM Smith and LBG to address database needs.
- CDM Smith's CWCM first round and Caged Bivalve split data uploaded to EQuIS Passaic River database.
- Received RM 10.9 split sediment data from CDM Smith laboratories - in validation, targeted for completion by the end of April.
- Began receiving low resolution coring split sample data from CDM Smith's subcontract laboratories.
- Waiting for Final Caged bi-valve data and Final August SV CWCM data from CPG.
- Uploaded RM 10.9 validated data, with the exception of PAH data, received from CPG into EQuIS and performed QC review of the dataset.
- Provided data set reporting and GIS figure development of RI/FS data to partner agencies for public meeting.

Webpage and Database Development:

- Began the creation of the training manual for database Enterprise web portal. Training scheduled in April.

WAD 2, Work Order 6 - CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review

- Reviewed Tierra Summary Report of MDL and PE studies.
- Attended a meeting with EPA and TSI on March 1.
- Participated in multiple conference calls to discuss the CSO/SWO MDL and PE studies on 7 March, 12 March, and 19 March.

2.6.2 CDM Work Plan Preparation

- No Activity.

2.6.3 Laboratory Analysis and Coordination

- Reviewed current status of preparation to support CSO/SWO PCB and dioxin analyses-work is ongoing.
- Reviewed Tierra CSO/SWO method detection limit studies and performance evaluation report. Communicating these findings with CDM Smith's subcontract laboratory in preparation of split sample analysis.
- Coordinated analytical support for chemical water column study split sampling.

WAD 3, Work Order 1 - Modeling Support

- Conference Calls:
 - 2/27 - Call with Ed Garland and Eugenia to discuss single beam data
 - 3/5 - Call with EPA to discuss RM 10.9 data
- Meetings: None

- Misc Support: Completed year 2011 hydrodynamics model run, validation and transfer to the CPG. Responded to CPG questions about wind wave driven shear stress.
- Field Oversight: Reviewed river mile 10.9 data and discussed applying vertical core analysis.

WAD 3, Work Order 2 - Modeling Collaboration with CPG

- Conference Calls:
 - 2/28, 3/7 - Call with Rooni Mathew to discuss remediation modules in carbon and toxics models
 - 3/21 - Call w/Eugenia Naranjo to discuss 3/22 collaboration meeting
- Meetings: 3/22 - Collaboration meeting
- General Work:
 - Continued to look at CPG code changes in the sediment transport model (still a work in progress on their end as well).
 - -Conducted a literature review of biological benthic mixing for discussion with the CPG.
 - -Reviewed and consolidated Newark Bay dredging records for discussion with CPG.
 - -Transferred the latest version of the carbon and toxics code to Rooni Mathew (3/30)

Item	Subcontract	Authorized Amount	Payment	Forecast	Remarks
1	HQI TO #1	\$525,500	\$490,060	\$3,954	March invoice
2	HQI TO #2	\$245,240	\$195,217	\$37,004	March invoice
3	Kern	\$5,200	\$2,779	\$0	

WAD 4, Work Order 3 - Review/Coordinate CPG Risk Assessment

- Reviewed LPRSA Urban Background and Reference Conditions: Factors Used to Evaluate Existing Datasets, dated March 13, 2012.
- Reviewing Creel Survey Data.

2. **Anticipated Problems and Recommended Solutions** - None.

3. **Problems Resolved** - N/A.

4. **Upcoming Events/Activities Planned** - CDM Smith will continue working on the following activities:

- Participate in biweekly calls
- Review CPG documents when received
- Continue on database management data upload
- Provide support on CSO/SWO oversight

5. **Key Staffing Changes** - None

6. **Budget** - See below table for negotiated budget and funded amount. See attached spreadsheet for expenditure details.

For TO 6424.005

Item	ATP/WVN	Modification	Negotiated Amount	Funded Amount	Remarks
1			\$4,381,718		
2	ATP 1	0		\$770,000	Add fund
3	WVN1 (preliminary)		\$194,927 (preliminary)		Add scope
4	ATP 2			\$0	Transfer fund
Total			\$4,381,718	\$770,000	

For TO 6402.014

Item	ATP/WVN	Modification	Negotiated Amount	Funded Amount	Remarks
1			\$1,522,305		
2	ATP 1	0		\$160,000	Add fund
3	ATP 2	1		\$175,902	Add fund
		2			Correct negotiated amount on Mod 1
4	ATP 3/ WVN1	3		\$493,000	Add fund and scope
5	WVN2			0	Add scope and transfer fund
		Skipped 4, 5 & 6			
6	ATP 4/WVN3	7		\$283,000	Add fund and scope
7	ATP 5	8	\$1,274,734	\$140,000	Add fund and scope
8	ATP 6	9		\$375,000	Add fund
9	ATP 7/WVN 4	10		0	Add scope and fund
10	ATP 8/WVN 5	10	\$266,351	\$362,923	Add scope and fund
11	ATP 9/WVN 6	11	\$98,737	\$74,426	Add scope and fund
12	ATP 10		0	0	Transfer funds among WEs
13	WVN 7		\$438,364		Add scope
14	ATP 11	12		\$682,426	Add scope and fund
15	WVN 8 (Preliminary)		\$179,765 (Not negotiated)		Add scope
16	ATP 12		0	0	Transfer funds

					among WEs
17	WVN 9 (preliminary)		\$585,489 (not negotiated)	0	Add scope
18	ATP 13		0	0	Transfer funds among WEs
19	ATP 14	13		150,000	Add scope and fund
20	ATP 15/ WVN10		0/0	0	Transfer fund among WADs
Total			\$3,600,491	\$2,896,677	

7. Deliverables Submitted

<u>Title</u>	<u>Date Submitted</u>
Kickoff Meeting Minutes	September 9, 2009
Consent package for HQI	October 30, 2009
Status Report (October, November, and December 2009) Oversight PWCM	December 17, 2009
Updated COI forms for CDM Smith	January 18, 2010
COI forms for HQI and subconsultants	February 3, 2010
Draft PWCM and Generic QAPP	February 4, 2010
Draft Accident Prevention Plan	February 10, 2010
Final Accident Prevention Plan	February 25, 2010
Status Report (February 1 to 24, 2010) Oversight of the 2010 Winter Fish Community Survey	March 1, 2010
Final PWCM QAPP	March 10, 2010
Comments on Draft Data Usability and Data Evaluation Plan	March 19, 2010
Field Change Request 1 - Flood Event	March 29, 2010
Status Report (March 2010) Oversight of PWCM	April 5, 2010
Field Change Request 2 - Extra Split Sample	April 6, 2010
Comments on Draft Low Resolution Coring Characterization Summary	April 16, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 3	April 30, 2010
Comments on Draft Benthic QAPP Addendum No. 1	April 30, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 2	May 7, 2010
Comments on Draft Risk Analysis and Risk Characterization Plan	May 10, 2010
Status Report (May 2010) Oversight of PWCM	May 12, 2010
Draft QAPP Addendum 1 (Avian Community Survey)	May 11, 2010
Status Report (April 6 and May 12, 2010) Oversight Of Wet Weather Sampling	May 18, 2010
Field Change Request 3	May 20, 2010

Draft QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	May 20, 2010
Comments on Periodic Bathymetric Surveys QAPP	May 24, 2010
Draft QAPP Addendum 3 (Benthic Invertebrate Community Survey)	May 25, 2010
Final QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	June 8, 2010
Final QAPP Addendum 3 (Benthic Invertebrate Community Survey)	June 8, 2010
Observation Summary Report (June 2010) Oversight of CPG Multi-beam Sonar Bathymetric Survey (SEI) Draft QAPP Addendum 4 (Co-located Sediment Samples)	June 16, 2010
Comments on CPG Final Benthic QAPP Addenda 3 & 4	June 24, 2010
Comments on CPG Draft Benthic QAPP Addendum 3 - Habitat ID Survey	June 24 & 25, 2010
Status Report (May 19 to 25, 2010) Oversight of PWCM	June 25, 2010
Status Report (June 2010) Oversight of PWCM	July 2, 2010
Draft QAPP Addendum 5 (Fish Tissue Analysis)	July 2, 2010
Draft QAPP Addendum 6 (Habitat ID Survey)	July 7, 2010
Final QAPP Addendum 4 (Co-located Sediment Samples)	July 9, 2010
Status Report (May 24 to 28, 2010) Oversight of the Late Spring/Early Summer 2010 Fish Tissue Collection for Chemical Analysis	July 9, 2010
Status Report (June 2 to 11, 2010) Oversight of the Spring 2010 Benthic Macroinvertebrate Survey	July 23, 2010
Status Report (July 2010) Oversight of PWCM	July 23, 2010
CDM Smith QAPP Addendum 6 - habitat identification Survey	August 3, 2010
Status Report (June 23 to August 9, 2010) Oversight of the 2010 Summer Fish Community Survey	August 9, 2010
CDM Smith submitted Final QAPP Addendum 5 (fish tissue sampling)	August 11, 2010
Status Report (July 27 to August 16, 2010) Oversight of the Summer 2010 Benthic Macroinvertebrate Survey and Co-Located Surface Sediment Sampling For Chemical Analysis	August 24, 2010
Technical Memorandum Exposure Parameter Assumptions for the LPRSA HHRA	August 26, 2010
Status Report (August 16 to 20, 2010) Oversight of the Summer 2010 Avian Survey	September 2, 2010
Comments on CPG Proposed Analysis Plan for the Small Forage Fish Tissue Samples	September 2, 2010
Comments on Protocol Modification Forms - CPG Fish and Benthic QAPPs	September 7, 2010
	September 23, 2010

Comments on the CPG Draft Benthic Invertebrate Community Survey and Benthic Field Data Collection Report for the LPRSA Fall 2009 Field Effort	October 11, 2010
Status Report (September 20 to 23, 2010) Oversight of the 2010 Habitat Survey	October 14, 2010
Comments on CPG Draft Small Volume CWCM QAPP	October 15, 2010
Status Report (November 4, 2010) Oversight of Wet Weather Sampling	November 9, 2010
Comments on Caged Bivalve Pilot Study Memo	November 17, 2010
Status Report (October 11 to 15, 2010) Oversight of the Fall 2010 Avian Surveys	November 19, 2010
Comments on Periodic Bathymetry Survey Report June 2010 Multibeam Survey dated November 2010	January 6, 2011
Status Report (November 22, 2010 to January 6, 2011) Oversight of the Caged Bivalve Pilot Study	January 7, 2011
Comments on Revised Draft FS Work Plan	January 17, 2011
Revisions to Exposure Parameter Assumptions for LPRSA Human Health Risk Assessment	February 2, 2011
Comments on Draft Fish Community Survey and Tissue Collection Data Report 2010 Field Efforts	February 3, 2011
Comments on the Effect of Application of a Correction Factor on Chlorinated Dibenzo-p-dioxins and Dibenzofuran Results Produced by Columbia Analytical Services for LPR Sediment Samples	February 14, 2011
Status Report (January 23 to 27, 2010) Oversight of The Winter 2011 Avian Surveys	February 16, 2011
Comments on CPG Draft Caged Bivalve Study Addendum No. 4 to the Benthic QAPP	February 18, 2011
Comments on CPG Draft Habitat Identification Survey Data Report for the LPRSA Fall 2010 Field Effort dated March 4, 2011	March 24, 2011
Comments on CPG Revised Risk Analysis and Risk Characterization Plan for the LPRSA Draft dated February 10, 2011	April 8, 2011
CDM Smith QAPP Addendum 7 - Caged Bivalve Study	May 2, 2011
Comments on CPG Response to SV CWCM QAPP Comments	May 2, 2011
Comments on CPG Draft Avian Community Survey Data Report Summer and Fall 2010	May 18, 2011
Comments on CPG Revised Periodic Bathymetry Survey Report June 2010 Multibeam Survey dated April 2011	June 7, 2011
Status Report (March 9 to June 8, 2011) Oversight of The caged Bivalve Bioaccumulation Study	June 17, 2011
Comments on CPG Revised Fall 2009 Benthic Invertebrate Community Survey and Benthic	June 23, 2011

Field Data Collection Report Dated June 17, 2011	
Comments on the Bathymetry Survey portion of the River Mile 10.9 Characterization QAPP dated June 2011	July 5, 2011
Comments on RTC on RM 10.9 QAPP Bathymetry Survey	July 11, 2011
Comments on CPG Revised Habitat Identification Survey Data Report dated June 17, 2011	July 11, 2011
Comments on revised portion of RM 10.9 QAPP Bathymetry Survey	July 13, 2011
Comments submitted on RM 10.9 QAPP Sediment Sampling	July 14, 2011
Comments on Revised 2010 Fish Community Survey and Tissue Report dated June 21, 2011	July 18, 2011
Comments on Draft Spring and Summer Benthic Report dated 17 June	July 21, 2011
Comments on the CPG SV CWCM QAPP Rev 1 and the PE Plan Memo on Revision 1	July 27, 2011
CDM Smith Final QAPP Addendum 8 for SV CWCM	August 3, 2011
Comments on CPG RM 10.9 QAPP, Rev 2	August 15, 2011
Comments on CPG Field Modification 110727-C1	August 9, 2011
Comments on CPG Response to Comments and SV CWCM QAPP Rev 2	August 12, 2011
CDM Smith Draft QAPP Addendum 9 for RM 10.9	August 16, 2011
Comments on CPG Field Mod 110822-1	August 23 & 24, 2011
CDM Smith Final QAPP Addendum 9 for RM 10.9	August 25, 2011
Comments on CPG TRV Deliverable	September 15, 2011
Comments on CPG Revised LRC Report	September 19, 2011
Comments on CPG RM 10.9 Hydrodynamic QAPP	September 22, 2011
Comments on RTC for RM 10.9 Hydrodynamic QAPP	September 29, 2011
Comments on CPG LRC SSP QAPP, Rev 0	October 12, 2011
Comments on CPG RM 10.9 Sediment QAPP, Rev 3, including 3 Field Modifications	October 13, 2011
Comments on CPG RM 10.9 Hydrodynamic QAPP, Rev 1	October 14, 2011
Comments on CPG RM 10.0 Hydrodynamic QAPP, Rev 2	October 14, 2011
Comments on CPG 2009 Bioaccumulation Tissue Chemistry Data Report Draft, 19 September 2011	November 10, 2011
Comments on CPG 2009 Fish and Blue Crab Tissue Chemistry Data report Draft, 19 September 2011	November 11, 2011
Comments on CSC Proposed Correction Factor for Dioxin/Furan Results	November 11, 2011
Status Report (Aug 24 to Nov 3, 2011) Oversight of the RM 10.9 Sediment Characterization	November 16, 2011
CDM Smith Revised Final QAPP Addendum 8, SV CWCM	November 22, 2011
CDM Smith QAPP Addendum 10 LRC SSP Sampling	November 23, 2011

Comments on the CPG LRC SSP QAPP Rev 1	November 28, 2011
Comments on CPG Draft 2009 and 2010 Sediment Chemistry Data Report, 2 September 2011	December 23, 2011
Comment on CPG RTC for LRC SSP QAPP Rev 1	January 3, 2012
CDM Smith Final QAPP Addendum 10 LRC SSP	January 6, 2012
Comments on CPG Revised LRC SSP QAPP Rev 2	January 25, 2012
Comments on CPG Field Modification FM-120130-1	February 1, 2012
Comments on CPG Field Modification FM-120206-2	February 7, 2012
CDM Smith submitted Response to Comments on Revised Final QAPP Addendum 8 for SV CWCM	February 7, 2012
Comments on CPG LRC SSP FM-120206_1	February 20, 2012
Comments on CPG SV CWCM FM-120112-C1_RM0 and NC-110817-C4_RM0	February 20, 2012
Comments on CPG Revised Draft Spring and Summer 2010 Benthic Invertebrate Community Survey Data Report	March 2, 2012
Comments on CPG CWCM Field Modification FM-120220-1	March 15, 2012
Comments on CPG Draft Fall 2009 Sediment Toxicity Test Data, dated January 31, 2012	March 16, 2012
Comments on CPG LRC SSP FM-120316-1	March 19, 2012
Comments on CPG CWCM NC-11816-7	March 20, 2012